REMARKS

1. INTRODUCTION

Applicants have amended claims 1, 6 and 11. Accordingly, claims 1-12 and 14-17 are presently pending in the above-identified application. Reconsideration and re-examination is hereby respectfully requested.

Applicants also wish to thank Examiner Mohandesi for the courtesy of the several phone conversations with counsel John Rees, including on January 14, 2003.

2. CLAIM REJECTIONS UNDER 35 U.S.C. § 103

Claims 1-17 stand rejected on 35 U.S.C. § 103(a) as being unpatentable over Hayashi (US 5,274,322) in view of Watkins (US 4,947,072). Applicants respectfully overcome this rejection. Independent claims 1 and 11, as amended, now recite, among other things, that a first winding is wound in "a full pitch pattern" and that a second winding is wound in "a short pitch pattern" with at least one complete loop surrounding "an adjacent second predetermined number of teeth." None of the art teach or suggest the invention, as now claimed.

In view of the foregoing, Applicants respectfully submit that to the claims, that all claims are presently in a condition for allowance.

3. CONCLUSION

A genuine effort to resolve all issues has been made. For at least the above-cited reasons, all of the claims presently pending in this application are believed to be allowable. If the Examiner has any further questions or concerns regarding this matter, he is invited to contact Applicants' undersigned attorney.

Respectfully submitted,

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By: _____

Margaret A. Dobrowitsky
Registration No. 36,501
Attorney for Applicants
Delphi Technologies, Inc.
Mail Code 480-410-202
P.O. Box 5052
Troy, Michigan 48007-5052
(248) 813-1250

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EXHIBIT A

VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. (Twice Amended) An alternating current (AC) generator comprising a stator and a rotor, said rotor comprising a plurality of pole pairs, said stator comprising a first winding wound in a full pitch pattern with at least one complete loop surrounding a first predetermined number of teeth of said stator and a second winding wound in a short pitch pattern with at least one complete loop surrounding [a] an adjacent second predetermined number of said teeth, said first predetermined number being different than said second predetermined number.

6. (Twice Amended) A stator for an alternating current generator, said generator having a rotor with poles, comprising:

a substantially annular body portion;

a plurality of teeth extending radially inwardly from said annular body portion;

a plurality of slots defined between said teeth;

at least two windings wound around said teeth and inserted into said slots,

wherein the number of stator slots is equal to 2 x n x p, where p is the number of electrical phases per winding, and n is the number of rotor pole pairs, and

wherein a first one of said windings being wound in a full pitch pattern with at least one complete loop surrounding a first predetermined number of teeth of said stator and a second one of said windings being wound in a short pitch pattern with at least one complete loop surrounding [a] an adjacent second predetermined number of said teeth, said first predetermined number being different than said second predetermined number.

11. (Twice Amended) A stator for an alternating current generator comprising at least a pair of multi-phase windings, one of the windings being a wye type winding and the other one of the windings being a delta type winding wherein one of the windings is a full pitch winding with at least one complete loop surrounding a first predetermined number of teeth of said stator and the other one of the windings is a short pitch winding with at least one complete loop surrounding [a] an adjacent second predetermined number of said teeth, said first predetermined number being different than said second predetermined number.